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* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 FEB 28 PATDPAFULL - New display fields provide for legal status
data from INPADOC
NEWS 4 FEB 28 BABS - Current-awareness alerts (SDIs) available
NEWS 5 MAR 02 GBFULL: New full-text patent database on STN
NEWS 6 MAR 03 REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS 7 MAR 03 MEDLINE file segment of TOXCENTER reloaded
NEWS 8 MAR 22 KOREAPAT now updated monthly; patent information enhanced
NEWS 9 MAR 22 Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS 10 MAR 22 PATDPASPC - New patent database available
NEWS 11 MAR 22 REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS 12 APR 04 EPFULL enhanced with additional patent information and new
fields
NEWS 13 APR 04 EMBASE - Database reloaded and enhanced
NEWS 14 APR 18 New CAS Information Use Policies available online
NEWS 15 APR 25 Patent searching, including current-awareness alerts (SDIs),
based on application date in CA/CAPLUS and USPATFULL/USPAT2
may be affected by a change in filing date for U.S.
applications.
NEWS 16 APR 28 Improved searching of U.S. Patent Classifications for
U.S. patent records in CA/CAPLUS
NEWS 17 MAY 23 GBFULL enhanced with patent drawing images
NEWS 18 MAY 23 REGISTRY has been enhanced with source information from
CHEMCATS
NEWS 19 JUN 06 The Analysis Edition of STN Express with Discover!
(Version 8.0 for Windows) now available
NEWS 20 JUN 13 RUSSIAPAT: New full-text patent database on STN
NEWS 21 JUN 13 FRFULL enhanced with patent drawing images
NEWS 22 JUN 27 MARPAT displays enhanced with expanded G-group definitions
and text labels
NEWS 23 JUL 01 MEDICONF removed from STN
NEWS 24 JUL 07 STN Patent Forums to be held in July 2005
NEWS 25 JUL 13 SCISEARCH reloaded
NEWS 26 JUL 20 Powerful new interactive analysis and visualization software,
STN AnaVist, now available
NEWS 27 AUG 11 Derwent World Patents Index(R) web-based training during
August
NEWS 28 AUG 11 STN AnaVist workshops to be held in North America
NEWS 29 AUG 30 CA/CAPLUS -Increased access to 19th century research documents
NEWS 30 AUG 30 CASREACT - Enhanced with displayable reaction conditions

NEWS EXPRESS JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that

specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 13:13:15 ON 31 AUG 2005

=> file medline, agricola, caba, caplus, biosis, biotechno		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'MEDLINE' ENTERED AT 13:13:26 ON 31 AUG 2005

FILE 'AGRICOLA' ENTERED AT 13:13:26 ON 31 AUG 2005

FILE 'CABA' ENTERED AT 13:13:26 ON 31 AUG 2005
COPYRIGHT (C) 2005 CAB INTERNATIONAL (CABI)

FILE 'CAPLUS' ENTERED AT 13:13:26 ON 31 AUG 2005
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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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FILE 'BIOSIS' ENTERED AT 13:13:26 ON 31 AUG 2005
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FILE 'BIOTECHNO' ENTERED AT 13:13:26 ON 31 AUG 2005
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=> s (gautier, m? or gautier m?)/au
L1 1072 (GAUTIER, M? OR GAUTIER M?)/AU

=> s (ihorai, t? or ihorai t?)/au
L2 6 (IHORAI, T? OR IHORAI T?)/AU

=> s (joudrier, p? or joudrier p?)/au
L3 233 (JOUDRIER, P? OR JOUDRIER P?)/AU

=> s l1 and l2 and l3
L4 6 L1 AND L2 AND L3

=> duplicate remove l4
DUPLICATE PREFERENCE IS 'MEDLINE, CAPLUS, BIOSIS, BIOTECHNO'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L4
L5 3 DUPLICATE REMOVE L4 (3 DUPLICATES REMOVED)

=> d l5 1-3 ti

L5 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
TI Promoter of the thioredoxin gene TRXH2 of wheat

L5 ANSWER 2 OF 3 MEDLINE on STN DUPLICATE 1
TI Production in Escherichia coli and site-directed mutagenesis of a 9-kDa nonspecific lipid transfer protein from wheat.

L5 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
TI Site-directed mutagenesis of wheat 9 kDa lipid transfer protein (LTP)

=> d l5 1 bib

L5 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2000:824427 CAPLUS
 DN 134:1381
 TI Promoter of the thioredoxin gene TRXH2 of wheat
 IN Gautier, Marie-Francoise; Ihorai, Tania;
 Joudrier, Philippe
 PA Institut National de la Recherche Agronomique (INRA), Fr.
 SO PCT Int. Appl., 35 pp.
 CODEN: PIXXD2
 DT Patent
 LA French
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000070065	A1	20001123	WO 2000-FR1318	20000517
	W: CA, JP, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	FR 2793805	A1	20001124	FR 1999-6231	19990517
	FR 2793805	B1	20030502		
	CA 2374272	AA	20001123	CA 2000-2374272	20000517
	EP 1180154	A1	20020220	EP 2000-927350	20000517
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2002543844	T2	20021224	JP 2000-618471	20000517
PRAI	FR 1999-6231	A	19990517		
	WO 2000-FR1318	W	20000517		

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s l1 or l2 or l3
 L6 1152 L1 OR L2 OR L3

=> s l6 not l4
 L7 1146 L6 NOT L4

=> s l7 and thioredoxine
 L8 0 L7 AND THIOREDOXINE

=> s thioredoxine(s)promoter
 L9 0 THIOREDOXINE(S) PROMOTER

=> s thioredoxine
 L10 19 THIOREDOXINE

=> s l10 not l6
 L11 19 L10 NOT L6

=> s thioredoxin
 L12 16154 THIOREDOXIN

=> s l11 or l12
 L13 16167 L11 OR L12

=> s l13 and (wheat or triticum)
 L14 297 L13 AND (WHEAT OR TRITICUM)

=> s l14 and promoter
 L15 21 L14 AND PROMOTER

=> duplicate remove l15
 DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO'
 KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
 PROCESSING COMPLETED FOR L15
 L16 10 DUPLICATE REMOVE L15 (11 DUPLICATES REMOVED)

=> d l16 1-10 ti

L16 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN

TI Protein and cDNA sequences of oxidoreductase stress related proteins (ORSRP) from yeast, Brassica napus, Arabidopsis thaliana and rice, and use thereof in making transgenic plants with enhanced abiotic stress tolerance and resistance

L16 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Grain maturation-specific promoters for improved synthesis of **wheat thioredoxin H** in transgenic plants and their use in neutralizing food allergens and in germination and seedling development

L16 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Methods for the production of multimeric proteins and their incorporation into plant oil bodies for therapeutic, cosmetic and food use

L16 ANSWER 4 OF 10 MEDLINE on STN DUPLICATE 1
 TI Transgenic barley grain overexpressing **thioredoxin** shows evidence that the starchy endosperm communicates with the embryo and the aleurone.

L16 ANSWER 5 OF 10 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI Use of barley endosperm-specific hordein promoters for production of recombinant proteins in transgenic cereal seeds.

L16 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 2
 TI Sequence-determined DNA fragments and corresponding encoded polypeptides from corn and Arabidopsis

L16 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
 TI **Promoter** of the **thioredoxin** gene TRXH2 of **wheat**

L16 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Use of altered **thioredoxin h** levels in seed to modify value-added agronomic traits of a crop

L16 ANSWER 9 OF 10 MEDLINE on STN DUPLICATE 3
 TI Overexpression of **thioredoxin h** leads to enhanced activity of starch debranching enzyme (pullulanase) in barley grain.

L16 ANSWER 10 OF 10 CABA COPYRIGHT 2005 CABI on STN DUPLICATE 4
 TI Production of polyclonal antibodies against a **wheat thioredoxin h** by genetic immunization.

=> d his

(FILE 'HOME' ENTERED AT 13:13:15 ON 31 AUG 2005)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT 13:13:26 ON 31 AUG 2005

L1 1072 S (GAUTIER, M? OR GAUTIER M?)/AU
 L2 6 S (IHORAI, T? OR IHORAI T?)/AU
 L3 233 S (JOUDRIER, P? OR JOUDRIER P?)/AU
 L4 6 S L1 AND L2 AND L3
 L5 3 DUPLICATE REMOVE L4 (3 DUPLICATES REMOVED)
 L6 1152 S L1 OR L2 OR L3
 L7 1146 S L6 NOT L4
 L8 0 S L7 AND THIOREDOXINE
 L9 0 S THIOREDOXINE(S) PROMOTER
 L10 19 S THIOREDOXINE
 L11 19 S L10 NOT L6
 L12 16154 S THIOREDOXIN
 L13 16167 S L11 OR L12
 L14 297 S L13 AND (WHEAT OR TRITICUM)
 L15 21 S L14 AND PROMOTER
 L16 10 DUPLICATE REMOVE L15 (11 DUPLICATES REMOVED)

=> file uspatfull

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

FULL ESTIMATED COST

ENTRY SESSION
37.05 37.26

FILE 'USPATFULL' ENTERED AT 13:19:26 ON 31 AUG 2005
CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 30 Aug 2005 (20050830/PD)
FILE LAST UPDATED: 30 Aug 2005 (20050830/ED)
HIGHEST GRANTED PATENT NUMBER: US6938271
HIGHEST APPLICATION PUBLICATION NUMBER: US2005188446
CA INDEXING IS CURRENT THROUGH 30 Aug 2005 (20050830/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 30 Aug 2005 (20050830/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2005
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2005

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>>> USPAT2 is now available.  USPATFULL contains full text of the      <<<
>>> original, i.e., the earliest published granted patents or          <<<
>>> applications.  USPAT2 contains full text of the latest US          <<<
>>> publications, starting in 2001, for the inventions covered in      <<<
>>> USPATFULL.  A USPATFULL record contains not only the original      <<<
>>> published document but also a list of any subsequent                <<<
>>> publications.  The publication number, patent kind code, and        <<<
>>> publication date for all the US publications for an invention      <<<
>>> are displayed in the PI (Patent Information) field of USPATFULL    <<<
>>> records and may be searched in standard search fields, e.g., /PN, <<<
>>> /PK, etc.                                                            <<<

>>> USPATFULL and USPAT2 can be accessed and searched together        <<<
>>> through the new cluster USPATALL.  Type FILE USPATALL to          <<<
>>> enter this cluster.                                                 <<<
>>>                                                                     <<<
>>> Use USPATALL when searching terms such as patent assignees,        <<<
>>> classifications, or claims, that may potentially change from      <<<
>>> the earliest to the latest publication.                             <<<
```

This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> s l4

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7 GAUTIER, M?/AU
7 GAUTIER M?/AU
0 IHORAI, T?/AU
0 IHORAI T?/AU
1 JOUDRIER, P?/AU
1 JOUDRIER P?/AU
0 L1 AND L2 AND L3
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L17

=> s l6

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7 GAUTIER, M?/AU
7 GAUTIER M?/AU
0 IHORAI, T?/AU
0 IHORAI T?/AU
1 JOUDRIER, P?/AU
1 JOUDRIER P?/AU
7 L1 OR L2 OR L3
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L18

=> d l18 1-7 ti

L18 ANSWER 1 OF 7 USPATFULL on STN

TI Production of genetically modified plants with puroindolines

L18 ANSWER 2 OF 7 USPATFULL on STN

TI Yeasts transformed by genes enhancing their cold stress tolerance

L18 ANSWER 3 OF 7 USPATFULL on STN

TI Insect control method using 1-phenylpyrazoles or 1-heteroarylpyrazoles

L18 ANSWER 4 OF 7 USPATFULL on STN

TI Insect control method using 1-phenylpyrazoles or 1-heteroarylpyrazoles

L18 ANSWER 5 OF 7 USPATFULL on STN
TI RESISTANCE MECHANISMS TO IC TYPE R/M BACTERIOPHAGES OF LACTIC ACID BACTERIA

L18 ANSWER 6 OF 7 USPATFULL on STN
TI Agrochemical compositions in the form of dispersable granules

L18 ANSWER 7 OF 7 USPATFULL on STN
TI Polyfluoro compounds and method for preparing them

=> d his

(FILE 'HOME' ENTERED AT 13:13:15 ON 31 AUG 2005)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT 13:13:26 ON 31 AUG 2005

L1 1072 S (GAUTIER, M? OR GAUTIER M?)/AU
L2 6 S (IHORAI, T? OR IHORAI T?)/AU
L3 233 S (JOURDRIER, P? OR JOURDRIER P?)/AU
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L11 19 S L10 NOT L6
L12 16154 S THIOREDOXIN
L13 16167 S L11 OR L12
L14 297 S L13 AND (WHEAT OR TRITICUM)
L15 21 S L14 AND PROMOTER
L16 10 DUPLICATE REMOVE L15 (11 DUPLICATES REMOVED)

FILE 'USPATFULL' ENTERED AT 13:19:26 ON 31 AUG 2005

L17 0 S L4
L18 7 S L6

=> s l15

172 THIOREDOXINE
7 GAUTIER, M?/AU
7 GAUTIER M?/AU
0 IHORAI, T?/AU
0 IHORAI T?/AU
1 JOURDRIER, P?/AU
1 JOURDRIER P?/AU
4831 THIOREDOXIN
44196 WHEAT
4578 TRITICUM
91208 PROMOTER
L19 1903 L14 AND PROMOTER

=> s theoredoxin(s)promoter(s)wheat or theoredoxin(s)promoter(s)triticum

1 THEOREDOXIN
91208 PROMOTER
44196 WHEAT
0 THEOREDOXIN(S) PROMOTER(S) WHEAT
1 THEOREDOXIN
91208 PROMOTER
4578 TRITICUM
0 THEOREDOXIN(S) PROMOTER(S) TRITICUM
L20 0 THEOREDOXIN(S) PROMOTER(S) WHEAT OR THEOREDOXIN(S) PROMOTER(S) TRITI
CUM

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(FILE 'HOME' ENTERED AT 13:13:15 ON 31 AUG 2005)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
13:13:26 ON 31 AUG 2005

L1 1072 S (GAUTIER, M? OR GAUTIER M?)/AU
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L15 21 S L14 AND PROMOTER
L16 10 DUPLICATE REMOVE L15 (11 DUPLICATES REMOVED)

FILE 'USPATFULL' ENTERED AT 13:19:26 ON 31 AUG 2005

L17 0 S L4
L18 7 S L6
L19 1903 S L15
L20 0 S THEOREDOXIN(S) PROMOTER(S) WHEAT OR THEOREDOXIN(S) PROMOTER(S) TR

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	5.60	42.86

STN INTERNATIONAL LOGOFF AT 13:21:40 ON 31 AUG 2005